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<b>(21) International Application Number:</b> PCT/GB99/00981 <b>(22) International Filing Date:</b> 29 March 1999 (29.03.99) <b>(30) Priority Data:</b> 9806645.9                      27 March 1998 (27.03.98)                      GB <b>(71) Applicant (for all designated States except US):</b> UNIVERSITY COLLEGE LONDON [GB/GB]; Gower Street, London WC1E 6BT (GB). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> RADEMACHER, Thomas, William [US/GB]; Foxcomb, The Ridgeway, Boars Hill, Oxford OX1 5EY (GB). WHITBY, Helen [AU/GB]; 46 Harley Street, London W1N 1AD (GB). <b>(74) Agents:</b> KIDDLE, Simon, J. et al.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>
<b>(54) Title:</b> MATERIALS AND METHODS RELATING TO THE TREATMENT OF CONDITIONS INVOLVING MAST CELLS, BASOPHILS AND EOSINOPHILS  <b>(57) Abstract</b>  This application discloses that inositolphosphoglycans (IPGs) can be obtained from basophils, eosinophils and mast cells and that allergen stimulation of these cells results in IPG release. It also shows that IPGs are second messengers for allergic stimulation as the addition of some types of purified IPGs to non-allergen stimulated cells resulted in histamine release or degranulation. Thus, IPG antagonists can be used for the treatment of conditions (especially allergy and asthma) mediated by the release of IPGs from mast cells, basophils or eosinophils. Preferred IPG antagonists include anti-IPG antibodies, inhibitors of the enzyme GPI-PLD and competitive antagonists.		

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